

MONTHLY NOTICES

OF THE

ROYAL ASTRONOMICAL SOCIETY.

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JUNE 10, 1898.

No. 8

SIR R. S. BALL, LL.D., F.R.S., President, in the Chair.

Henry Ellis, Little Heath, Potter's Bar ;

Peter Matthews, 65 Gordon Mansions, W., and 102 Fenchurch Street, E.C. ;

Captain P. B. Molesworth, R.A., Trincomali, Ceylon ;

W. R. Reynolds, 61 Fairholt Road, Stamford Hill, N. ; and

William Edward Sparkes, 5 Roker Terrace, Sunderland,

were balloted for and duly elected Fellows of the Society.

The following candidates were proposed for election as Fellows of the Society, the names of the proposers from personal knowledge being appended :—

Lieutenant Tristan Dannreuther, R.N., F.R.G.S., H.M.S.

Leander, Pacific Station, Esquimaux, British Columbia (proposed by S. Wellesley Johnson) ; and

Charles Thomas Whitmell, M.A., B.Sc., H.M. Inspector of Schools, Invermay, Headingley, Leeds (proposed by G. A. S. Atkinson).

The following were proposed by the Council as Associates of the Society :—

O. Backlund, St. Petersburg ;

Edward Emerson Barnard, D.Sc., F.R.A.S., Yerkes Observatory, U.S.A. ;

K K

Sherburne Wesley Burnham, M.A., F.R.A.S., Government Building, Chicago, U.S.A. ;
 Lieut.-Col. G. Defforges, Service Géographique de l'Armée, Paris ;
 James Edward Keeler, D.Sc., F.R.A.S., Director of the Lick Observatory, Mount Hamilton, California, U.S.A. ;
 Henry A. Rowland, Johns Hopkins University, Baltimore, Md., U.S.A. ;
 Wilhelm Schur, Observatory, Göttingen, Germany.

Seventy-five presents were announced as having been received since the last meeting, including, amongst others :—

W. T. Lynn, *Remarkable Eclipses*, 3rd edition ; F. McClean, *Comparative photographic spectra of stars to the $3\frac{1}{2}$ mag.* ; and *Comparison of oxygen with spectra of Helium stars and summary of spectra of southern stars*, presented by the authors. Galileo, *Opere*, edizione nazionale, vol. vii., presented by the Italian Government ; Laplace, *Œuvres complètes*, tome xii., presented by the Paris Academy ; L. Weinek, *Photographischer Mond-Atlas*, Heft 1, 2, presented by Dr. Weinek ; Old transit instrument, formerly belonging to Dr. Longfield of Cork, presented by Miss Lecky, executrix of the late R. J. Lecky, F.R.A.S.

Publication of Eclipse Results.

The question of the publication of the reports of the observers sent out by the Joint Permanent Eclipse Committee of the Royal and Royal Astronomical Societies has been under consideration by that Committee and by the Councils of the two Societies which it represents ; and by the generosity of the Royal Society a very satisfactory solution has been arrived at. The main difficulty lay in the choice of the series of publications : if the reports were communicated, as on other occasions, to the Royal Society, it was felt that they would not be easily accessible to many astronomers ; while if, on the other hand, they were printed in the publications of this Society they would not be sufficiently brought to the notice of physicists and others. To print them in both series would have obvious disadvantages from the point of view of economy.

The solution arrived at is as follows : The Preliminary Reports are to be printed in the *Proceedings of the Royal Society*. After the usual copies have been struck off for the use of Fellows of the Royal Society, the printers will then be directed to strike off one thousand copies more, altering merely the paging to a series of figures in brackets—(1), (2), &c.—so that the reports